

DATA VISUALIZATION TECHNIQUES

Big Data

Open Concept Architecture

Big Data

- **High Variety, Velocity, and Volume and Low Veracity**
- Data that **requires specific technology, analytics and algorithms for its transformation into value**
- **Enhanced decision making, insight discovery, pattern recognition and process optimization.**

Business Intelligence

Uses **descriptive and prescriptive analytics** with data with high information density to measure things, uncover patterns and detect trends.

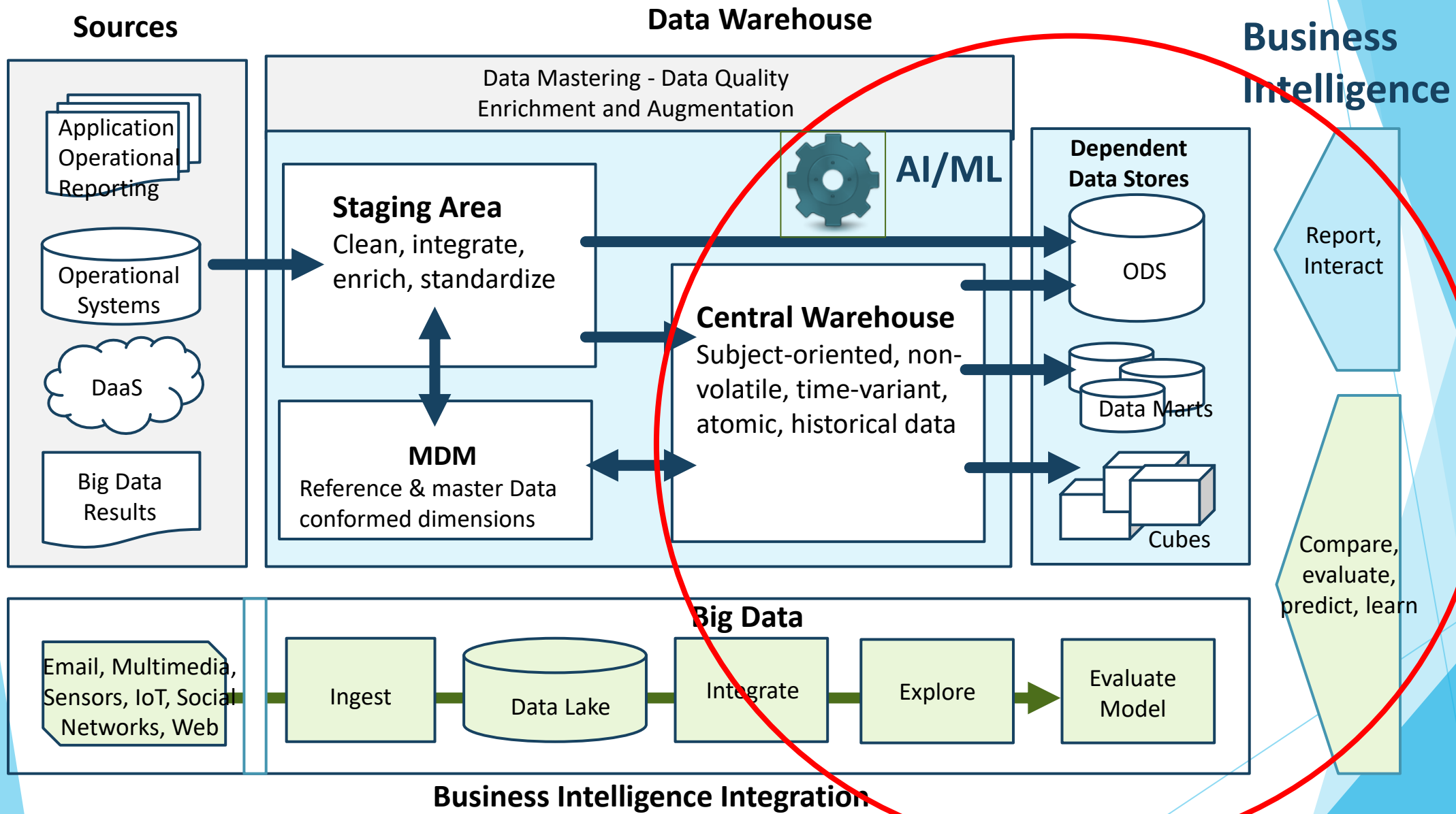
VS

Big Data

Uses **inductive statistics and nonlinear systems to infer laws** (regressions, nonlinear relationships, and causal effects) from large sets of data with low information density to reveal relationships and dependencies, or to perform **predictions** of outcomes and behaviours.

Open Architecture Definition

- It is an architecture that integrates data from different sources on-premises and across cloud environments.
 - The open architecture supports multiple programming languages and frameworks
 - It supports AI initiatives, natural language querying and machine learning to deliver efficiencies
 - Unifies enterprise data platform that runs on-site and across any cloud
 - The platform integrates SQL, NoSQL/JSON, time series and spatial data
 - AI-powered automation to support transactional workloads and optimize query performance for advanced analytics



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